



ENERGY ASSURANCE DAILY

Friday Evening, February 8, 2008

Electricity

Update: Almost All Restored in Midwest and South February 8

Tornados, Storms Cut Power to Over 300,000 Customers February 5-6

About 13,100 Arkansas customers and 7,232 Tennessee customers remain without power, as of latest reports. No other significant outages persist.

Sources:

First Electric Arkansas as of 3:05 pm EST 2/7/08 <http://arkansasmatters.com/content/fulltext/?cid=65352>

Petit Jean Electric as of Evening 2/6/08 <http://www.todaysthv.com/news/news.aspx?storyid=60144>

Entergy Arkansas as of 02/07/08 http://www.entropy-arkansas.com/news_room/newsrelease.aspx?NR_ID=1121

Kentucky Utilities and Louisville Gas & Electric as of 9:30 pm EST 2/7/08 <http://www.eonus.com/storm/default.asp>

Duke Kentucky as of 10:30 am EST 02/08/08 <http://www.duke-energy.com/kentucky/outages/current.asp>

Kentucky PSC as of 02/06/08 <http://psc.ky.gov/ors/OutageReport.aspx>

Memphis Light, Gas, & Water as of 1:00 am EST 2/8/08

http://www.mlwg.com/SubView.php?key=about_newsreleases&chunkid=223

Jackson Electric as of 6:30 pm EST 2/7/08

<http://www.jacksonsun.com/apps/pbcs.dll/article?AID=/20080208/NEWS01/802080304>

Nashville Electric Service as of 10:30 am 02/08/08 <http://www.nespower.com/OutageMap/>

SW Tennessee Electric as of 2/8/08

<http://www.jacksonsun.com/apps/pbcs.dll/article?AID=/20080208/NEWS01/80208007>

Tri-County Electric and Meriwether Lewis Electric as of 12:45 pm 2/6/08,

http://www.newschannel9.com/news/tva_966239_article.html/power_service.html

Meriwether Lewis Electric as of 6:45 pm 2/7/08

<http://www.mlec.com/news.htm#power>

Update: As Entergy Works to Restore Storm-Downed 500-kV Transmission Line, 836 MW Arkansas Nuclear Unit 1 Remains Reduced—Plant's Second Unit Slows by February 8

Entergy Arkansas' 836 MW Unit 1 slowed to 28 percent power, down from 37 percent yesterday, and its 858 MW Unit 2 reduced to 80 percent power by February 8, according to a Nuclear Regulatory Commission report. Storms this week downed a 500-kV transmission line that moves power directly from the two-unit Arkansas Nuclear One Power Station. Entergy immediately curtailed Unit 1, but kept Unit 2 at full power. By this morning, however, Unit 2 also reduced output. Entergy said its primary goal is to recover the downed transmission line, but noted it could take anywhere from one day to two weeks to repair. The storm also damaged seven 161-kV transmission lines, it said. Just 12,500 Entergy Arkansas' customers remained without power on February 7, down from a peak of 40,000 on February 6.

<http://www.platts.com/Nuclear/News/6758608.xml?p=Nuclear/News&sub=Nuclear>

http://oasis.e-terrasolutions.com/documents/EES/ANO_Pleasantville_20080207.htm

Bloomberg, 11:06 February 8, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Error Delays Restart of FirstEnergy's 925 MW Davis Besse Nuclear Reactor in Ohio

Workers recoiled a turbine generator with aluminum, rather than copper, a news source said. The subsequent weight difference resulted in excess vibrations, and the company shut down the unit February 6. At the time of the incident, the unit was ramping up from a December 30 refueling shutdown. It reached 19 percent power before the vibrations forced its closure. A spokesman gave no timetable for the unit's return.

<http://toledoblade.com/apps/pbcs.dll/article?AID=/20080207/NEWS17/802070376/-1/NEWS>

Two Units at Dominion's 1,581 MW Mount Storm Coal-fired Power Station in West Virginia Shut February 8—Traders

It is unclear which units shut, or what caused the closures. Traders, however, said one of the two units has already begun to ramp back up. There are four units at the plant—the 524 MW Unit 1, 524 MW Unit 2, 521 MW Unit 3, and a 12 MW jet fuel-fired turbine.

Reuters, 09:20 February 8, 2008

Reuters, 09:15 February 8, 2008

Luminant's 575 MW Big Brown Coal-fired Unit 1 in Texas Shut February 8

According to a filing with state regulators, the unit shut February 8 because of high differential pressure on the baghouse.

Reuters, 08:21 February 8, 2008

Reuters, 09:20 February 8, 2008

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103456>

Update: Exelon's 1,134 MW Limerick Unit 2 Nuclear Reactor Ramping Up in Pennsylvania by February 8

The unit ramped up to 5 percent power by early February 8, according to a Nuclear Regulatory Commission report. It shut automatically on February 1, the company said, due to a fault indication in electrical distribution.

Bloomberg, 11:39 February 1, 2008

Bloomberg, 07:42 February 8, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: Exelon's 1,093 MW Peach Bottom Nuke Unit 3 in Pennsylvania Ramped Up to 39 Percent by February 8

The Nuclear Regulatory Commission reported that on the morning of February 7 the unit was operating at 5 percent. It shut February 5 due to problems with a safety relief valve.

Reuters, 07:44 February 8, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Update: SCE's 1,080 MW San Onofre Nuke Unit 3 in California Ramped Up to 98 Percent by February 8

The company reduced the unit to 65 percent on February 3 to fix a pump variable speed control system, a source said. The Nuclear Regulatory Commission reported that on the morning of February 7 the unit was still operating at 65 percent.

Reuters, 15:46 February 7, 2008

Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2008/>

Bruce Power Slows Two Units at Bruce Nuclear Station in Ontario February 8

The company curtailed two units at the station while Hydro One works on a power transmission line, a Bruce spokesman said. It is unclear which two units shut.

Reuters, 10:44 February 8, 2008

TransAlta's 280 MW Sundance Coal-fired Unit in Alberta Shut February 8

Reuters, 9:20 February 8, 2008

Study Says U.S. Electrical Distribution System Less Dependable Than Previously Thought

The number of equipment failures along 22,706 miles of electricity distribution lines exceeded prior estimates, an Exacter survey said. The 26,450 measured failures were nearly double a 2003 Department of Energy figure.

http://uaelp.pennnet.com/display_article/319407/22/ARTCL/none/none/1/Survey-of-US-electrical-distribution-system-reveals-worse-than-expected-reliability/

Power Failure Shuts RTO at ConocoPhillips 247,000 b/d Sweeny, Texas Refinery

According to a filing with state regulators, power failure shut the regenerative thermal oxidizer (RTO). The company restarted the unit, and the incident lasted under three hours.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103451>

ConocoPhillips Halts SRUs at 147,000 b/d Carson, California Refinery February 7

The company shut the sulfur recovery units (SRUs) February 7, according to a filing with state regulators. The incident resulted in flaring.

Reuters, 21:42 February 7, 2008

Bloomberg, 15:22 February 7, 2008

Delek Reduces Rates at 55,000 b/d Tyler, Texas Refinery February 6

According to a filing with state regulators, a mechanical coupling failed on the Number 9 Boiler Main Blower.

Reuters, 09:27 February 8, 2008

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=103455>

Update: Total's 280,000 boe/d Elgin-Franklin Fields in U.K. Remain Shut—Investigation Continues February 8

Total halted gas production on February 4 when the fuel failed to meet specifications, according to a news source. The company is inspecting an amine unit, and said on February 6 it hoped to repair the issue “within a couple of days.” The fields can produce up to 175,000 b/d of condensate and 547 MMcf/d of natural gas.

Bloomberg, 05:43 February 8, 2008

Update: Mexico Reopens Dos Bocas Oil Port February 7

Bad weather shut the Dos Bocas and Coatzacoalcos oil ports February 6. Coatzacoalcos opened earlier February 7, and Dos Bocas resumed operations during the afternoon on February 7.

Reuters, 12:01 February 8, 2008

DOE Plans System to Monitor Unplanned Refinery Outages

Energy Secretary Sam Bodman announced that the Department of Energy's (DOE) Office of Electricity Delivery and Energy Reliability is developing a new form, for refiners to report unplanned outages similar to one already in place used for monitoring electricity outages. The new form will provide DOE with current information on extent and severity of problems facing the refineries.

Reuters, 18:20 February 7, 2008

Natural Gas

Update: Columbia Gulf Restoring Throughput along 2.1 Bcf/d Natural Gas Pipeline System in Tennessee February 8

Columbia Gulf restored service along line 200 of its Tennessee pipeline system late February 7, and planned to restart line 100 February 8, a spokesperson said. It recovered 1.2 Bcf/d along line 300 February 7. Tornadoes struck the pipelines' associated Hartsville compressor station on February 5, and Columbia Gulf declared force majeure on the system February 6.

Reuters, 11:23 February 8, 2008

MoBay to Begin Construction in Spring on Natural Gas Storage Facility in Alabama

MoBay Storage Hub LLC will develop three existing, but depleted natural gas reservoirs. The project will involve two phases. Phase One will develop the biggest reservoir into a 50 Bcf high-deliverability, multi-cycle natural gas storage facility, with capacity to withdraw and inject 1 Bcf/d. Phase Two will convert the smaller two reservoirs, with unspecified capacities. MoBay expects the project in service by October, 2009.

http://www.downstreamtoday.com/News/Articles/200802/MoBay_to_Break_Ground_on_Gas_Storage_Fac_8546.aspx

Other News

Nothing to report.

Energy Prices

U.S. Oil and Gas Prices			
February 8, 2008			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	91.47	88.97	58.77
NATURAL GAS Henry Hub \$/Million Btu	7.99	8.10	8.06

Source: Reuters

Energy Notes

Update: State Regulators Release Draft Air Permit for BP's Expansion Proposal to Process Canadian Heavy Crude at 410,000 b/d Whiting, Indiana Refinery February 5

http://www.downstreamtoday.com/News/Articles/200802/Indiana_Unveils_Draft_Air_Permits_for_Wh_8562.aspx

Update: State Delays Environmental Ruling on Location of Broadwater Energy's Proposed LNG Terminal in Long Island Sound, New York

http://pro.energycentral.com/professional/news/gas/news_article.cfm?id=9712514

Update: StatoilHydro Files Investigation Report of December, 2007 Oil Spill at Statfjord Oilfield in Norway

http://www.rigzone.com/news/article.asp?a_id=56477

Police Look for Two Tanker Trucks Stolen in Prince William County, Virginia

<http://www.washingtonpost.com/wp-dyn/content/article/2008/02/08/AR2008020801395.html>

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/index.aspx>.

Please direct comments and questions to: ead@oe.netl.doe.gov